

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for providing performance analysis on a system including a cluster, the cluster including a plurality of nodes, the method comprising the steps of:

 dynamically obtaining data for the plurality of nodes in the cluster by sampling the plurality of nodes, the data relating to a plurality of monitors for the node,

 dynamically analyzing the data to determine whether performance of the cluster can be improved, wherein the data analyzing step further includes the steps of

 determining whether a bottleneck exists for at least one monitor of the plurality of

 monitors for the plurality of nodes, the determining including determining whether at least one

 latent bottleneck exists;

 providing at least one remedy to improve performance of the cluster if the performance of the cluster can be improved, the at least one remedy including a cluster level remedy.
2. (Canceled).
3. (Canceled)
4. (Currently Amended) The method of claim [[2]]1 wherein the data analyzing step further includes the step of:

forecasting a future bottleneck for at least one monitor of the plurality of monitors for the plurality of nodes, the future bottleneck including at least one of cluster level bottleneck, a latent bottleneck.

5. (Previously Presented) The method of claim 1 wherein the plurality of monitors include disk utilization, CPU utilization, memory usage and LAN utilization.

6. (Previously Presented) The method of claim 1 wherein the cluster remedy includes transferring a load from a first node of the plurality of nodes to a second node of the plurality of nodes.

7. (Previously Presented) The method of claim 1 wherein the cluster remedy includes adding a new node to the plurality of nodes of the at least one cluster.

8. (Previously Presented) The method of claim 1 wherein the cluster remedy includes warning that if a particular node of the plurality of nodes fails, at least one remaining node of the plurality of nodes may become bottlenecked.

9. (Previously Presented) The method of claim 1 the cluster remedy includes a notification that a companion node of the plurality of nodes may be a source of a bottleneck if another node of the plurality of nodes is bottlenecked.

10. (Previously Presented) The method of claim 1 wherein a node of the plurality of nodes carries a workload and has a bottleneck, wherein a companion node of the plurality of nodes is capable of supporting a portion of the workload, and wherein the cluster remedy includes a notification that the portion of the workload can be moved to the companion node.

11. (Previously Presented) The method of claim 1 wherein if a node of the plurality of nodes fails, at least one remaining node of the plurality of nodes will become bottlenecked and wherein the cluster remedy includes notification that if the node fails, the at least one remaining node of the plurality of nodes will become bottlenecked.

12. (Previously Presented) The method of claim 1 further comprising the step of:
obtaining information relating to the cluster, the information including an indication of whether each of the plurality of nodes is a passive node, a maximum number of nodes in the cluster and a type of LAN adapter used for interconnecting the plurality of nodes.

13. (Currently Amended) A method for providing performance analysis on a network including a plurality of computer systems, the plurality of computer systems including a cluster, the cluster including a plurality of nodes, the method comprising the steps of:

dynamically obtaining data for each of the plurality of computer systems by sampling the plurality of computer systems, the data relating to a plurality of monitors for each of the plurality of computer systems;

determining whether each of the plurality of computer systems is the cluster;

if a computer system of the plurality of computer systems is the cluster, dynamically analyzing data for each of the plurality of nodes in the cluster to determine whether performance of the cluster can be improved, wherein the data analyzing step further includes the steps of determining whether a bottleneck exists for at least one monitor of the plurality of monitors for the plurality of nodes, the determining including determining whether at least one latent bottleneck exists;

if the computer system of the plurality of computer systems is not the cluster, then analyzing data for the computer system to determine whether the performance of the computer system can be improved; and

providing at least one remedy to improve performance of the network if the performance of the network can be improved, the at least one remedy including a cluster level remedy only for the cluster.

14. (Currently Amended) A computer-readable medium including a program for providing performance analysis on a system including a cluster, the cluster including a plurality of nodes, the program including instructions for:

dynamically obtaining data for each node of the plurality of nodes in the cluster by sampling the plurality of nodes, the data relating to a plurality of monitors for the node,

dynamically analyzing the data to determine whether performance of the cluster can be improved, wherein the data analyzing step further includes the steps of determining whether a bottleneck exists for at least one monitor of the plurality of monitors for the plurality of nodes, the determining including determining whether at least one latent bottleneck exists; and

providing at least one remedy to improve performance of the cluster if the performance of the cluster can be improved, the at least one remedy including a cluster level remedy.

15. (Currently Amended) A system programmed to provide performance analysis on a network including a plurality of systems, the plurality of systems including a cluster, the cluster including a plurality of nodes, the system comprising:

means for dynamically obtaining data for each node of the plurality of nodes in the cluster by sampling the plurality of nodes, the data relating to a plurality of monitors for the node and for analyzing the data to determine whether performance of the cluster can be improved, the data analyzing means further determining whether a bottleneck exists for at least one monitor of the plurality of monitors for the plurality of nodes, the determining including determining whether at least one latent bottleneck exists; and

a graphical user interface for displaying at least one remedy to improve performance of the cluster if the performance of the cluster can be improved, the at least one remedy a cluster level remedy.

16. (Original) The system of claim 15 wherein the obtaining and analyzing means further include a plurality of agents residing in the plurality of computer systems.